

CURRICULUM VITAE

PERSONAL INFORMATION

Name: Michael J. Steiner, MD, MPH
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EDUCATION

Degree Programs and Postgraduate Medical Education

2013 MPH, The Gillings School of Global Public Health, Chapel Hill, NC
1998-2002 Residency Training, University of North Carolina, Internal Medicine & Pediatrics
1998 MD, Temple University School of Medicine, Philadelphia, PA
1993 BS (*magna cum laude*), Albright College, Reading, PA

Professional Training in Leadership Methods and Quality Improvement

2021 Healthcare Financial Management for Leaders in Academic Health Centers, Harvard T. H. Chan School of Public Health Executive and Continuing Professional Education, Boston, MA
2016 Conflict Resolution and Formal Mediation Training, Dispute Settlement Center, Carrboro, NC
2016 Division Chief Leadership Retreat, Dean's Program in Leadership Development
2014 Techniques of Financial Decision Making in Healthcare, American Association for Physician Leadership, St. Petersburg, FL
2012-2013 Academic Career Leadership Academy in Medicine (ACCLAIM)
2010 & 2013 TeamSTEPPS, University of North Carolina Healthcare System
2010-2011 Lean/Kaizen Training and North Carolina Center for Public Health Quality
2008-2010 Yellow Belt, Blue Belt, Purple Belt in Six Sigma Methods, University of North Carolina Healthcare System
2009 Managerial Leadership Training, UNC with former Dean Jeffrey Houpt

2007-2008 Model for Improvement, University of North Carolina Healthcare System

Other Professional Training/Certifications

2017 Safe Zone Training, LGBTQIA Center, University of North Carolina, Chapel Hill, NC

2016 Nexplanon (etonogestrel implant) Training Program, Certified Nexplanon Trainer

2006-2007 Teaching Scholars, University of North Carolina School of Medicine

2006 Certification in Neurodevelopmental Disabilities (LEND), University Center for Excellence in Developmental Disabilities, University of Southern California

2005 Human Learning Course, Cincinnati Children’s Hospital and College of Education

Licensure

2019- present Board Certified, Pediatric Hospital Medicine (PHM), ABP#622093

2002 - present Board Certified, General Pediatrics, #76944, Meeting MOC requirements

2006 - present North Carolina Medical Board, #200101400, active

2003-2006 California Medical Board, 82753, inactive

2002-2012 Board Certified, Internal Medicine (now expired)

PROFESSIONAL EXPERIENCE—EMPLOYMENT HISTORY

2020 to present Associate Dean for Outreach Initiatives

2020 to present Interim Division Chief, Allergy and Immunology

2019 to present Associate Chief Medical Officer, UNC Medical Center

2019 to present Medical Director, Children’s Population Health, UNC Health Alliance

2018 to present Pediatrician in Chief, UNC Children’s
Vice-Chair of Clinical Affairs, Department of Pediatrics

2018 to present Michael F. Durfee Distinguished Professor of General Pediatrics and Adolescent Medicine, Tenured Professor of Pediatrics
Adjunct Assistant Professor, Gillings School of Global Public Health, Healthcare and Prevention

2011 to present Division Chief, General Pediatrics and Adolescent Medicine

2016 to 2018 Michael F. Durfee Distinguished Professor of General Pediatrics and Adolescent Medicine while Associate Professor with tenure

2016-2018 Vice-Chair of Pediatrics, Outreach & Business Development

2013-2016 Associate Professor with tenure, Department of Pediatrics
Adjunct Assistant Professor, Gillings School of Global Public Health, Healthcare and Prevention

	Clinical Assistant Professor, Department of Medicine
2015-2016	Director, Pediatric Network Development and Outreach
2008-2015	Medical Director, Children's Specialty Clinics, North Carolina Children's Hospital
2009-2015	Associate Program Director, Pediatrics Residency
2006-2013	Assistant Professor (Fixed term 2006-10, Tenure track 2010 to 2013)
2007-2011	Director, Resident Continuity Clinic
2005-2006	Visiting Assistant Professor of Clinical Pediatrics, Appointed July 2005 The University of Southern California/Keck School of Medicine Children's Hospital Los Angeles, Los Angeles, CA
2003-2005	Primary Care Physician, National Health Service Corps, Clinica Sierra Vista, Lake Isabella, CA
2002-2003	Clinical Instructor and Chief Resident, University of North Carolina School of Medicine, Department of Pediatrics, Chapel Hill, NC

HONORS AND AWARDS

2009-present	Listed in "Best Doctors in America" database Approximately 5% of physicians in country listed
2016	Named the Michael F. Durfee, M.D. Distinguished Professor of General Pediatrics and Adolescent Medicine
2015	Senior author on a paper that was one of 4 national finalists for the Jennifer Daru Memorial Award. This marks the most important paper published by <i>Hospital Pediatrics</i> in 2014-2015.
2014	Mentee won Best Clinical Presentation at the Department of Pediatrics Evening of Scholarship
2012	Elected to the Society for Pediatric Research
2012	Academic Career Leadership Academy in Medicine Program Nominated by Department and accepted by School of Medicine into the first class of this program. One of 12 faculty that were in the inaugural class.
2012	Mentee won Best Clinical Presentation at the Department of Pediatrics Evening of Scholarship
2008-2011	End of Year "Pearls" lecture 1 of 10 faculty selected by senior residents to deliver an end of training lecture
2010	Associate Fellow, Academy of Educators, UNC School of Medicine Founded to recognize, promote, and support excellence in teaching.
2008	Nominated and selected to attend second annual Leadership Development Conference Academic Pediatrics Association, Orlando, FL
2007	Albright College Young Alumni Award

	Given to 1 young alumnus for outstanding service in career or to the college.
2003-2005	Physician Evaluation Program, Clinica Sierra Vista Highest patient satisfaction ratings of 50 physicians in the organization.
2002	Best Clinical Presentation, Dept. of Pediatrics Evening of Scholarship
2002	Walter J. Tunnessen, Jr. Award Given to one Med/Peds resident in the country for outstanding contributions in the areas of education, clinical care, and advocacy for patients.
2002	Internal Medicine Resident of the Year, Wake Medical Center
2001-2002	Med/Peds Administrative Chief Resident
2001	Floyd W. Denny Pediatric Alumni Society Resident Award Annual award given for high quality patient care, scholarship, and community service.
2001	Janet J. Fischer Award, Internal Medicine Department Given for excellence in teaching and serving as a positive role model for student doctors.
1997	CIBA-GEIGY Community Service Award Nominee, Temple University School of Medicine
1993	Jacob Albright Scholar and Award
1993	Muhlenberg Goodwill Prize and Cura Prize
1993	USA Today Academic All-American Developed college-wide community service and public school tutoring program

PUBLICATIONS

* prior to the entry indicates publication where trainee mentee was first author

Books and Chapters

1. Steiner MJ, VanderSchaaf EM, Rao P, and Perry MF. Chapter: *Normal Development*. Encyclopedia of Child and Adolescent Health. *In preparation*.
2. Steiner MJ and Pocasangre Granados, KG. *Community Pediatrics to GPAM: Interviews on the History of the Division at UNC*. Chapel Hill, NC: Department of Pediatrics, 2020.
3. Stephens JR and Steiner MJ. Acute Abdominal Pain in Feld LG and Mahan JD eds. *The Pediatric Visit: Gastroenterology*. Elk Grove Village, IL: American Academy of Pediatrics Publishing, 2019.
4. **Steiner MJ** and Kimple KS. *The Little Book of Pediatrics*. Thorofare, NJ: Slack Publishing, 2015.
https://www.amazon.com/Little-Book-Pediatrics-Infants-Everything/dp/1617118397/ref=sr_1_1?ie=UTF8&qid=1470938808&sr=8-1&keywords=the+little+book+of+pediatrics
5. **Steiner MJ** and Stephens JR. Acute Abdominal Pain in Feld LG and Mahan JD eds. *Succinct Pediatrics: Evaluation and Management for Common and Critical Care*. Elk Grove Village, IL: American Academy of Pediatrics Publishing, 2015.

6. **Steiner MJ**. Chapter 10: Funding Issues. In: Drutz, ed. *Manual for Pediatric Continuity Clinic Directors, 2nd Edition*. Mclean, Virginia: Academic Pediatric Association: 2011. Available online at: http://www.academicpediatrics.org/specialInterestGroups/sig_continuity.cfm
7. Tierney CL and **Steiner MJ**. Chapter 5. Practice Management. In: Drutz JE ed. *Manual for Pediatric Continuity Clinic Directors, 2nd Edition*. Mclean, Virginia: Academic Pediatric Association: 2011. Available online at: http://www.academicpediatrics.org/specialInterestGroups/sig_continuity.cfm
8. Byerley JS and **Steiner MJ**. Childhood urinary tract infection. In: Tintanelli JE et al eds. *Tintanelli's Emergency Medicine: A Comprehensive Study Guide, 7th Edition*. New York, NY: McGraw-Hill; 2010. 854-860.
9. **Steiner MJ**. Update: Hypovolemia, Child. In: Simel DL and Rennie D, eds. *The Rational Clinical Examination*. New York, NY: McGraw-Hill; 2008. 339-341.
10. **Steiner MJ**, Dewalt DA, Byerley JS. Is this child dehydrated? In: Simel DL and Rennie D, eds. *The Rational Clinical Examination*. New York, NY: McGraw-Hill; 2008. 329-337.

Refereed Papers/Articles

1. Stephens JF, Hall M, Cotter JM, Molloy MJ, Tchou MJ, Markham JL, Shah SS, Steiner MJ, and Aronson PL. Trends and variation in length of stay among hospitalized febrile infants <60 days. *Hospital Pediatrics*, *In press*.
2. Brown CL, Skinner AC, **Steiner MJ**, Truong T, Green C, Wood CT. Weight gain and obesity epidemiology among infants and young children in the Carolinas and comparisons with a nationally representative sample. *Pediatric Obesity*. *In press*.
3. Stephens JR, Markham JL, Tchou MJ, Cotter J, Shah SS, **Steiner MJ**, Hall M. Outcomes associated with high versus low frequency laboratory testing in hospitalized children. *Hospital Pediatrics*, *In press*.
4. Morgan DR, Rojas C, Prata EM, Cohen MG, Ferris M, Rivadeniera AC, Kizer JS, Munoz MC, McGill S, **Steiner MJ**, Reuland DS and Aleman MA. Novel academic center care model for Spanish-speaking patients in the Southeastern U.S. *Preventive Medicine and Community Health*. 2020 July;3(1): 146. Epub 2020 Jul 28. PMID 32879906.
5. Flower KB, Wurzelman S, Rojas C, Heredia KM, Peereboom M, Sylvester F, Agostinelli K, Ritter VS, Fine J, and **Steiner MJ**. Improving satisfaction and appointment attendance through navigation for Spanish-speaking families. *Journal of Health Care for the Poor and Underserved*. 2020 May; 31(2):810-826.
6. deJong NA, Kimple KS, Morreale MC, Hang S, Davis D, **Steiner MJ**. A quality improvement bundle to reduce 30-day pediatric readmissions. *Pediatric Quality and Safety*. 2020 March/April; 5(2): pe264. doi: 10.1097/pq9.0000000000000264
7. Wood CT, Brown JD, Brown CL, Howard J, **Steiner MJ**, Perrin AJ, Levine C, Perrin EM. Concordance of child and parent reports of children's screen media use. *Academic Pediatrics*, 2019 Jul; 19(5): 529-533. PMID 30981024
8. Meyer BD, Wang R, **Steiner MJ**, and Preisser J. The effect of physician oral health services on dental use and expenditures under general anesthesia. *JDR Clinical and Translational Research*. 2020 Apr;5(2):146-155. PMID: 31434532

9. Morgenlander MA, Tyrrell H, Garfunkel LC, Serwint JR, **Steiner MJ**, Schilling S. Screening for Social Determinants of Health in Pediatric Resident Continuity Clinic. *Academic Pediatrics*, 2019 Nov-Dec;19(8):868-874. PMID 30862512.
10. Cowherd E, Sutton AG, Vincent J, Humphries M, Ritter V, Fine J, **Steiner MJ**. Timing and duration of sleep in hospitalized children: An observational study. *Hospital Pediatrics*. 2019 May;9(5): 333-339. PMID: 30962223.
11. Potisek NM, Page L, Narayan A, McNeal-Trice K, **Steiner MJ**. The association between pediatrics faculty characteristics and resident physician ratings of teaching effectiveness. *Global Pediatric Health*. 2019 Jan 24:6. eCollection 2019. PMID: 30719494.
12. James H, **Steiner MJ**, Damon AM and Stephens JR. The association of discharge before noon and length of stay in hospitalized pediatric patients. *Journal of Hospital Medicine*. 2019 January; 14(1): 28-32 PMID 30667408.
13. LeBlanc S, Haushalter J, Seashore C, Wood K, **Steiner MJ**, Sutton AG. A quality-improvement initiative to reduce NICU transfers for neonates at risk of hypoglycemia. *Pediatrics*. 2018 Feb 8. Pii e20171143. doi10.1542/peds.2017-1143. [Epub ahead of print]. PMID 29437908
14. Rehm KP, Brittan MS, Stephens JR, Mummidi P, **Steiner MJ**, Gay JC, Ayubi SA, Gujral N, Mittal V, Dunn K, Chiang V, Hall M, Blaine K, O'Neill M, McBride S, Rogers J, Berry JG. Issues identified by postdischarge contact after pediatric hospitalization: A multi-center study. *Journal of Hospital Medicine*. 2018 April; 13(4): 236-42. PMID 29394301.
15. Howard JB, Skinner AC, Ravanbakht SN, Brown JD, Perrin AJ, **Steiner MJ**, Perrin EM. Obesogenic behaviors and weight-based stigma in popular children's movies, 2012-2015. *Pediatrics*, 2017 Nov; 140(6):e20172126. PMID 29158229.
16. DeJong NA, Richardson T, Chandler N, **Steiner MJ**, Hall M, Berry JG. Outpatient visits before ambulatory care-sensitive hospitalization of children receiving Medicaid. *Academic Pediatrics* 2017, Sep 28, <https://doi.org/doi:10.1016/j.acap.2017.09.015>. [Epub ahead of print]. PMID 28964877.
17. Stephens JR, Kimple K, **Steiner MJ**. Discharge interventions and modifiable risk factors for preventing hospital readmissions in children with medical complexity. *Recent Reviews of Clinical Trials*, 2017;12(4):290-297. doi: 10.2174/1574887112666170816144455. PMID 28814257.
18. *Brown CL, Matherne CE, Bulik CM, Howard JB, Ravanbakht SN, Skinner AC, Wood CT, Bardone-Cone AM, Brown JD, Perrin AJ, Levine C, **Steiner MJ**, Perrin EM. Influence of product placement in children's movies on children's snack choices. *Appetite*. 2017; 144:118-24. PMID 28323061.
19. Skinner AC, Payne K, Perrin AJ, Panter AT, Howard JB, Bardone-Cone A, Bulik CM, **Steiner MJ**, Perrin EM. Implicit weight bias in children age 9-11 years. *Pediatrics*, 2017 July; 140(1), e20163936. PMID 28646003.
20. *Decker MB, Quionez RB, Rozier RG, Mihos P, Wilder R, **Steiner MJ**. Qualitative analysis of interpersonal oral health communication between providers and caregivers in the medical home: A pilot study. *The Scientific Pages of Pediatrics*, 2017: 1(1); 6-13.
http://thescientificpages.org/Articles/pediatrics/the_scientific_pages_of_pediatrics-tspp-1-002.php?jid=pediatrics

21. Stephens JR, **Steiner MJ**, DeJong N, Rodean J, Richardson T, Hall M, Berry JG. Constipation-related healthcare utilization in children before and after hospitalization for constipation. *Clinical Pediatrics*. 2017 February. DOI: 10.1177/0009922817691818. PMID 28627286.
22. *Hang S, Lich K, Kelly KJ, Howell DM, **Steiner MJ**. Patient and visit-level variables associated with late arrival to pediatric clinic appointments. *Clinical Pediatrics*, 2017 Jun; 56(7):634-639. Epub 2016 Oct 5. PMID 27707900.
23. Vander Schaaf EB, Dellon E, Carr RA, DeJong NA, **Steiner MJ**. Perceptions of the medical home by parents of children with chronic illness. *The American Journal of Managed Care*. 2017 Feb 1;23(2): e70-74. PMID 28245657.
24. *Antoon JW, Hall M, Metropolis D, **Steiner MJ**, Jhaveri R, Lohr JA. A prospective pilot study on the systemic absorption of oral vancomycin in children with colitis. *Journal of Pediatric Pharmacology and Therapeutics*. 2016 Sep-Oct;21(5): 426-431. PMID 27877096
25. DeJong NA, Dellon EP, Vander Schaaf EB, Stiles AD, Carr RA, **Steiner MJ**. Enhanced access and parents' preferred contact with concerns about a chronic condition. *Journal of Pediatrics*, 2017 Jan; 180: 235-240. Epub 2016 Oct 11. PMID 27742127.
26. Stephens JR, **Steiner MJ**, DeJong N, Rodean J, Richardson T, Hall M, Berry JG. Diagnosis and healthcare utilization for constipation in children with and without complex chronic conditions. *Journal of Pediatric Gastroenterology and Nutrition*. 2017 Jan; 64(1):31-36. PMID 27070656.
27. *Kinlaw AC, Jonsson Funk M, **Steiner MJ**, Conover MM, Wu JM. Trends in pharmacotherapy for bladder dysfunction among children in the United States, 2000-2013. *Clin Pediatr*. 2016, Epub ahead of print DOI: 10.1177/0009922816641366. PMID 27075022.
28. *Dejong NA, Woods CT, Morreale MC, Ellis C, Davis D, Fernandez J, **Steiner MJ**. Identifying social determinants of health and legal needs for children with special healthcare needs. *Clin Pediatr*. March 2016; 55(3):272-277. PMID 26130392.
29. *Boyd J, **Steiner MJ**, Coyne-Beasley T, Skinner AC, Perrin EM. World peace, to be a millionaire, and hoop dreams: Adolescent wishes on health screening surveys. *NC Med J*. 2015;76(1): 9-12. PMID 25621470.
30. *Smitherman AB, Alexander T, Connelly M, Snavely AC, Weston BW, Liles EA, **Steiner MJ**. The incidence of catheter-associated venous thrombosis in noncritically ill children. *Hospital Pediatrics*. 2015;5(2): 59-66. PMID 25646197.
One of 4 finalists for the Annual Jennifer Daru Memorial Award as one of the top articles in Hospital Pediatrics for the year.
31. *Sim CJ, Quinonez RB, Vann WF, **Steiner MJ**, Iida H. Dietary recommendations for infants and toddlers among pediatric dentists in North Carolina. *Pediatric Dentistry*. July-August 2014; Vol 36(4): 250-56. PMID 25197998.
32. *Kimple KS, Wysocki K, Bartelt EA, and **Steiner MJ**. Performance of the modified checklist for autism in toddlers in Spanish-speaking patients. *Clin Pediatr*. June 2014; vol. 53, 7: pp. 632-638, first published online on February 17, 2014. PMID 24550559.
33. Throop E, Skinner AC, Perrin AJ, **Steiner MJ**, Odulana, A, Perrin EM. Pass the popcorn: Obesogenic behaviors and stigma in children's movies. *Obesity*. 2014; 22(7): 1694-1700. PMID24311390.

34. Wallace IF, Berkman ND, Lohr KN, Harrison M, Kimple A, **Steiner MJ**. Surgical treatments for otitis media with effusion: A systematic review. *Pediatrics*. 2014 Feb; 133(2): 296-311. PMID 24394689.
35. Berkman ND, Wallace IF, **Steiner MJ**, Harrison M, Greenblatt AM, Lohr KN, Kimple A, and Yuen A. Otitis media with effusion: Comparative effectiveness of treatments. Rockville (MD): Agency for Healthcare Research and Quality(US); 2013 May. PMID 23762917.
36. Skinner AC, **Steiner MJ**, and Perrin EM. Self-reported energy intake by age in overweight and healthy-weight children in NHANES, 2001-2008. *Pediatrics*. 2012 Oct;130(4):e936-42. PMID 22966024.
37. *Chung AE, Skinner AC, **Steiner MJ**, and Perrin EM. Physical activity and BMI in a nationally representative sample of children and adolescents. *Clin Pediatr*, 2012. 51(2): 121-128. PMID 22315503.
38. Skinner AC, **Steiner MJ**, Chung AE, and Perrin EM. Cholesterol curves to identify population norms by age and sex in healthy weight children. *Clin Pediatr*. 2012; 51(3): 233-237. PMID 22157422.
39. Perrin EM, Skinner AC, and **Steiner MJ**. Parental recall of doctor communication of weight status. *Arch Pediatr Adolesc Med*. 2012;166(4):317-322. PMID 22147758.
40. **Steiner MJ**, Skinner AC, and Perrin EM. Fasting might not be necessary before lipid screening: A nationally representative cross-sectional study. *Pediatrics* 2011; 128(3):463-67. PMID 21807697.
41. *Auvergne L, Quinonez R, Roberts MW, Drawbridge JN, Cowherd M, and **Steiner MJ**. Preoperative assessment for children requiring dental treatment under general anesthesia. *Clin Pediatr*. 2011. 50(11): 1018-1023. PMID 21642232.
42. Miles DR, **Steiner MJ**, Luken K, Sanderson MR, Coyne-Beasley T, Herrick H, Mizelle E, Ford CA. Health and educational status of children raised by a caregiver with disability, *Disabil Health J*, 2011; 4(3): 185-91. PMID 21723525.
43. *Burns H, Auvergne L, Haynes L, Liles EA, Perrin EM, **Steiner MJ**. A qualitative analysis of career transitions made by Internal Medicine-Pediatrics residency training graduates. *N C Med J*, 2011; 72(3): 191-195. PMID 21901912.
44. Randolph GD, Sternberg L, Fuller S, Wysocki K, Brown WD, Check J, Socolar R, and **Steiner MJ**. The impact of the Healthy Steps program in residency training. *The J Dev Behav Pediatr*, 2011; 32(3): 301-306. PMID 21325967.
45. *Regis T, **Steiner MJ**, Ford CA, and Byerley JS. Professionalism expectations through the eyes of resident-physicians and patient families. *Pediatrics*, 2011; 127(2): 317-324. PMID 21242219.
46. *Mills L, Donnell C, Rodman A, Steiner AZ, **Steiner MJ**. Resident and fellow participation in an annual research day is associated with future publications. *Teach Learn Med* 2011; 23(1): 62-67. PMID 21240786.
47. Freedman SB, **Steiner MJ**, Chan KJ (2010) Oral ondansetron administration in emergency departments to children with gastroenteritis: An economic analysis. *PLoS Med*, 2010; 7(10): e1000350. PMID 20967234.
48. *Chandler N, Brown WD, Byerley JS, Buchanon C, Henderson GA and **Steiner MJ**. Use of a 360-Degree evaluation in the outpatient Setting: The usefulness of nurse, faculty, patient/family, and resident self-evaluation. *Journal of Graduate Medical Education*, 2010; 2(3): 430-434. PMID 21976094.

49. Skinner AC, Perrin EM, **Steiner MJ**. Healthy for Now? A cross-sectional study of the comorbidities in obese preschool children in the United States. *Clin Pediatr*.2010; 49(7):648-655. PMID 20308197.
50. Skinner AC, Steiner MJ, Henderson FW, and Perrin EM. Multiple markers of inflammation and weight status; cross-sectional analyses throughout childhood. *Pediatrics*, 2010; 125(4): e801-9. PMID 20194272.
51. *Starmer AJ, Randolph GD, Wysocki KL, **Steiner MJ**. Direct observation of resident-patient encounters in continuity clinic: A controlled study of parent satisfaction and resident perceptions. *Educ Health*, 2009; 22(3): 325. PMID 20029767.
52. *Doshi N, Perrin EM, Lazorick S, Esserman D, **Steiner MJ**. Short –term change in body mass index in overweight adolescents following cholesterol screening. *Arch Pediatr Adol Med*, 2009; 163(9): 805-11. PMID 19736334.
53. *DeCamp L, Doshi N, Byerley JS and **Steiner MJ**. Antiemetic treatment of gastroenteritis: A systematic review and meta-analysis. *Arch Pediatr Adol Med*, 2008; 162(9): 858-865. PMID 18762604.
54. **Steiner MJ**, Nager AL and Wang VJ. Urine specific gravity and other urinary indices: Inaccurate tests for dehydration. *Pediatr Emerg Care*, 2007; 23(5): 298-303. PMID 17505271.
55. **Steiner MJ**, DeWalt DA, and Byerley JS. Is this child dehydrated? The Rational Clinical Exam Series. *JAMA*. 2004; 291: 2746-2754. PMID 15187057.

Editorials or Letters:

56. Chase L and **Steiner MJ**. The care of hospitalized children. *Recent Reviews of Clinical Trials*. 2 pages, 2017;12(4):225. doi: 10.2174/157488711204171108150311. PMID 29173144.
57. *Antoon JW and **Steiner MJ**. Utility of procalcitonin in predicting invasive bacterial infections in febrile infants. *JAMA Pediatrics*, 2016; 170(6): 623. PMID 27088445.
58. **Steiner MJ**, Fenick AM and Olsson JM, and the Steering Committee of the APA Continuity Clinic SIG. Resident graduation, evidence, and family-centered care. *Pediatrics*, E-letters, published online January 24, 2014.
59. **Steiner MJ**, Brown W, Liles EA. An assessment of the new lipid screening guidelines. *Pediatrics*, 2008; 122(4): 904-905. PMID 18829821.
60. Liles EA and **Steiner MJ**. Combined training. *Pediatrics*, PR3 Online Forum, published online November 15, 2006. <http://pediatrics.aappublications.org/cgi/eletters/118/3/1104>
61. **Steiner MJ**, Dewalt DA and Byerley JS. Use of serum electrolyte panels and gastroenteritis. *Pediatrics*, 2005; 115(4): 1092-1094. PMID 15805402.

Other Peer Reviewed Articles:

62. Schnapp LM, Steiner MJ, and Davis SD. Basic primer for finances in academic adult and pediatric pulmonology divisions. *Chest*. Available online 5 October 2019. PMID: 31593691
<https://doi.org/10.1016/j.chest.2019.09.019>
63. Dallaghan GB, Melvin K, Steiner B, Steiner MJ and Byerley JS. Balancing clinical capacity with learner numbers. *The Clinical Teacher*. 2019 Oct 25. doi: 10.1111/tct.13103. [Epub ahead of print]

64. Stephens JR and **Steiner MJ**. Empiric *Listeria monocytogenes* antibiotic coverage for febrile infants (Age, 0-90 days). *Journal of Hospital Medicine*, 2017 Jun;12(6) 458-61. PMID 28574538.
65. Sutton A, Mir S, **Steiner MJ**. Esophagitis: Allergic and Eosinophilic. *Pediatr Rev*, August 2015;36(8): 375-376. PMID 26232471.
66. **Steiner MJ**. Commentary on Formoterol or salmeterol for asthma—should they be used as monotherapy? *Evidence-based Child Health: A Cochrane Review Journal*. 2014; 9: 752. PMID 25504969.
67. **Steiner MJ**. Cochrane in Context: Linezolid versus vancomycin for skin and soft tissue infections. *Evidence-based Child Health: A Cochrane Review Journal*. 2014; 9: 168. PMID 25404580.
68. **Steiner MJ**. Book Review: Evidence-Based Diagnosis. *Academic Pediatrics*. 2010; 10(1): p75.
69. *Howell D, Wysocki KL, **Steiner MJ**. In Brief: Toilet training. *Pediatr Rev*, 2010; 31(6): 262-263. PMID 20516240.
70. **Steiner, MJ**. "Index of Suspicion: A 15 year-old with fever and respiratory failure." *Pediatr Rev*, 2001; 22(1): 21-32. PMID 11139644.

Manuscripts in Preparation for Submission

71. Jamison, SD, Lawrence d, Jonas DE, McNeal-Trice K, Iskander C, Gutierrez J, **Steiner MJ**, Byerley J, Orr CJ. A systematic review of the success of pipeline programs on building diversity among medical school faculty.
72. Tchou MJ, Stephens JR, Markham JL, Tchou MJ, Cotter J, Shah SS, **Steiner MJ**, Hall M. Repeat laboratory testing in hospitalized children with gastroenteritis. *In preparation*.
73. Smith H, Steiner MJ, Dawes M, and Sutton AG. Systematic improvement in the patient transfer process to a tertiary care children's hospital. *In preparation*.

Published or Peer Reviewed Abstracts and Oral Presentations:

1. Brown C, Steiner MJ, and Wood C. Examining weight gain and obesity epidemiology among young children in the Carolinas and NHANES. Pediatric Academic Societies Meeting, Philadelphia, PA. May 1-5, 2020. Due to COVID-19 related conference cancellation, this peer-reviewed abstract and/or presentation was disseminated on 4/TBD/2020 to PAS 2020 Meeting Program Guide.
2. Brown C, Steiner MJ, and Wood C. Examining weight gain and obesity epidemiology among infants and young children in the Carolinas and a nationally representative sample. The Obesity Society Annual Meeting, Las Vegas, November 2019. *Poster presentation*.
3. Lawrence MB, Steiner MJ, Chen F, and Blasius KR. What matters? Teaching pediatric residents how to effectively perform preoperative clinic assessments. American Society of Anesthesiologists Annual Meeting. Orlando, October 2019. *Poster presentation. Selected as featured abstract*.
4. Morgenlander M, **Steiner MJ**, Garfunkel LC, Serwint JR, Tyrrell H, and Schilling S. Screening for social determinants of health in pediatric resident continuity clinics. Pediatric Academic Societies, Toronto, Canada, May 2018. *Platform presentation*. American College of Preventive Medicine, Chicago, IL, May 2018. *Poster presentation*.

5. James H, **Steiner MJ**, Damon AM and Stephens JR. Association of discharge before noon and length of stay in pediatric patients. Society for Hospital Medicine, Orlando, April, 2018. Pediatric Academic Societies, Toronto, Canada, May 2018. *Poster presentation.*
6. Kinlaw AC, Sorensen HT, Lund JL et al. Antibiotic prescribing during infancy and risk of treated airway diseases among children born in Denmark 2004-2012. *Pharmacoepidemiology and Drug Safety*. Volume 26, supplement 2, meeting abstract 36, August 2017.
7. Wood CT, Brown CL, **Steiner MJ**, Yin S, Rothman RL, Sanders LM, Delamater AM, Perrin EM. Does participation in primary care based research study affect number of preventive care visits? Pediatrics Academic Societies Meeting, San Francisco, 2017. *Poster presentation.*
8. Hang S, Kimple KS, Morreale M, Westreich K, **Steiner MJ**, deJong N. Social determinants of health among pediatric inpatients and post-discharge outcomes at 30-day follow-up. Pediatric Academic Societies Meeting, San Francisco, 2017. *Poster presentation.*
9. Skinner AC, Armstrong S, **Steiner MJ**, and Perrin EM. Vigorous activity is associated with reduced inflammation among adolescents. Pediatrics Academic Societies Meeting, San Francisco, 2017. *Platform presentation.*
10. Skinner AC, Payne K, Perrin A, Panter A, Howard J, Bardone-Cone A, Bulik C, **Steiner MJ**, Perrin EM. Evidence of implicit weight bias in children 9-11 years. Obesity Week, New Orleans, LA, 2016. Pediatrics Academic Societies Meeting, San Francisco, 2017. *Platform presentation.*
11. Flower K, Wurzelmann S, Rojas C, Sylvester F, Steiner MJ. Using quality improvement methods to test and implement bilingual patient navigation in an academic medical center multi-specialty pediatric clinic. American Academy of Pediatrics National Conference and Exhibition, San Francisco, 2016, *Poster presentation.*
12. Skinner AC, Perrin A, Howard J, Levine C, Bardone-Cone, A, Brown J, Bulik C, **Steiner MJ**, Panter A, Perrin EM. Radical transdisciplinarity: Using group model building principles to develop a transdisciplinary team. Science of Team Science Meeting, Phoenix, AZ, 2016. *Platform presentation..*
13. Rehm KP, Brittan MS, Stephens JS, et al. Contacting children and families after discharge from children's hospitals. Pediatric Academic Societies Annual Meeting, Baltimore, MD 2016. *Platform presentation.*
14. Kimple KS, Hang S, Morreale M, DeJong N, Tkach H, Smith H, **Steiner MJ**. Pediatric transition clinic to improve transitions of care and prevent pediatric readmissions. Pediatric Academic Societies Annual Meeting, Baltimore, MD 2016. *Poster symposium*
15. Antoon J, Jhaveri R, Metropolis D, Hall, Maggie, **Steiner MJ**, Lohr JA. Systemic absorption of oral vancomycin in children with colitis. Pediatric Academic Societies Annual Meeting, Baltimore, MD 2016. *Poster presentation.*
16. DeJong N, Chandler N, **Steiner MJ**, Richardson T, Hall M, Berry JG. Outpatient visits before hospitalization for children with Medicaid. Pediatric Academic Societies Annual Meeting, Baltimore, MD 2016. *Poster session.*
Pediatric Hospital Medicine Meeting, July 2016, *Poster presentation.*
17. Stephens JR, **Steiner MJ**, DeJong N, Rodean J, Hall M, Richardson T, Berry JG. Constipation related healthcare utilization in children before and after hospitalization for constipation. Pediatric Academic Societies Annual Meeting, Baltimore, MD 2016, EPAS 3710.6. *Platform session.*
Society for Hospital Medicine 2016, San Diego, CA.

18. Howard JB, Skinner AC, Ravanbakht SN, Brown CL, Brown JD, **Steiner MJ**, Perrin AJ, Perrin EM. Varied types of screen time by weight status among 9- to 11-year old children. Pediatric Academic Societies Annual Meeting, Baltimore, MD 2016. EPAS 3811.127. *Poster presentation.*
19. Wood CT, Skinner AC, Perrin EM, Perrin A, Brown C, Brown, J, Howard J, **Steiner MJ**, Perrin EM..Concordance between parent and child report of children's media use. Pediatric Academic Societies 2016 Annual Meeting. Baltimore, MD, EPAS 3805.56. *Poster presentation.*
20. Perrin EM, **Steiner MJ**, Skinner AC. Have you been told your child is overweight? National trends in reports of health care provider notification of weight status, 1999-2014. Pediatric Academic Societies Annual Meeting 2016. Baltimore, MD. *Platform presentation.*
21. Stephens JR, **Steiner MJ**, Troxler H, Galin S, Bradford KB. Variation in physician discharge order time at an academic children's hospital. Society for Hospital Medicine 2016, San Diego, CA.
22. Viera AJ, **Steiner MJ**, Hiller S, Slatt L. Improvelt: A web-based application to teach quality improvement principles. Association for Prevention Teaching and Research Annual Meeting, Albuquerque, NM, 2016. *Poster presentation.*
23. Howard JB, Perrin AJ, Skinner AC, Bardone-Cone AM, Brown JD, Bulik CM, Levine C, **Steiner MJ**, Brown C, Panter AT, Ravanbakht SN, Perrin EM. Eating and obesity-related messages identified by children in children's movies. The Obesity Society Annual Meeting, Los Angeles, CA, November 2015. XXX. *Poster presentation.*
24. Decker MB, Quinonez RB, Rozier RG, Mihos P, Wilder R, and **Steiner MJ**. A qualitative pilot assessment of oral health information delivered in the medical home. American Academy of Pediatrics National Conference and Exhibit, Washington, DC, October 2015. *Poster presentation.*
25. Skinner AC, Skelton J, **Steiner MJ** and Perrin EM. Staggering rates of high C-reactive protein in severely obese children and adolescents using nationally representative data. The Obesity Society Annual Meeting, Boston, MA, November 2014. Xxx. *Platform presentation.* Pediatric Academic Societies Meeting, San Diego, CA, April 2015. EPAS 4770.7. *Platform presentation.*
26. **Steiner MJ**, Scarlett R, Pickens G, Perrin EM, and Skinner AC. Financial conflict of interest disclosures of presenters at the Pediatrics Academic Societies Meeting and the federal Open Payments website. Pediatric Academic Societies Meeting. San Diego, CA, April 2015, EPAS: 1533.254. *Poster presentation.*
27. DeJong, N, Chandler N, **Steiner MJ**, Richardson T, Hall M, Berry JG. Healthcare spending before and after hospital admission for children in Medicaid. Pediatric Academic Societies Meeting. San Diego, CA, April 2015, EPAS: 1559.439. *Poster presentation.*
28. **Steiner MJ**. Stephens, JR, DeJong N, Rodean J, Richardson T, Hall M, Berry JG. Constipation diagnosis and related health services in Medicaid for children with and without complex chronic conditions. Pediatric Academic Societies Meeting. San Diego, CA, April 2015, EPAS: 4190.674. *Poster presentation.*
29. Potisek NM, Page L, Narayan A, McNeal-Trice K, **Steiner MJ**. Some things can't be taught: The relationship between faculty characteristics and teaching ratings. Pediatric Academic Societies Meeting. San Diego, CA, April 2015, EPAS: 3910.53.. *Poster presentation.*
30. Sutton AG, Dawes M, Kelly KJ, Vincent JO, Buchanan IB, **Steiner MJ**. Systematic improvement in the patient transfer process to an academic children's hospital. Pediatric Academic Societies Meeting. San Diego, CA, April 2015, EPAS: 2855.50. *Poster presentation.* Pediatric Hospital Medicine 2015, San Antonio, TX. July 2015. *Platform presentation.*

31. *Wright H, **Steiner MJ**, Brown WD, and Belhorn T. Medical triumphs: The road to prevention of acute rheumatic fever. American Academy of Pediatrics National Conference and Exhibit, San Diego, CA, October 2014.
32. *Vander Schaaf EB, Dellon EP, Carr RA, deJong NA, **Steiner MJ**. The patient-centered medical home: Comparing caregiver perceptions of primary care to specialty practices. Pediatric Academic Societies Annual Meeting, Vancouver, Canada, May 2014. EPAS: 2175.5. *Platform presentation*.
33. *deJong, NA, **Steiner MJ**, Carr RA, Stiles AD, Dellon EP. Factors related to caregivers' decisions to seek care in primary vs. specialty care for a child's chronic condition. Pediatric Academic Societies Annual Meeting, Vancouver, Canada, May 2014. EPAS: 4139.565. *Poster presentation*.
34. **Steiner MJ**, deJong NA, Carr RA, Dellon EP. Missed work and job loss in families of children with chronic diseases. Pediatric Academic Societies Annual Meeting, Vancouver, Canada, May 2014. EPAS 2175.7. *Platform session*.
35. Sutton AG, Cowherd EL, Vincent JO, Humphries MS, Bonin S, Perrin EM, **Steiner MJ**. Late night eating among hospitalized children. Pediatric Academic Societies Annual Meeting, Vancouver, Canada, May 2014. EPAS 2952.713. *Poster session*. Pediatric Hospital Medicine Annual Meeting, Orlando, FL August, 2014. *Poster session*
36. Vincent JO, Cowherd EL, Sutton AG, Humphries MS, Bonin S, **Steiner MJ**. How hospitalized children sleep: An observational study on timing and duration of sleep in hospitalized children. Pediatric Academic Societies Annual Meeting, Vancouver, Canada, May 2014. EPAS 2952.679. *Poster session*. Pediatric Hospital Medicine Annual Meeting, Orlando, FL August, 2014. *Poster session*
37. *Paulson J, Paich H, Perrin EM, **Steiner MJ**, Xiao PJ, Hudgens M, Beck M and Noah T. BMI percentile and influenza vaccine immune responses in children. Pediatric Academic Societies Annual Meeting, Vancouver, Canada, May 2014. EPAS 2959.809. *Poster session*.
38. *Hang S, Howell DM, Kelly KJ, and **Steiner MJ**. Late arrivals in outpatient clinics: A study of patient and clinical variables. Pediatric Academic Societies Annual Meeting, Vancouver, Canada, May 2014. EPAS 4139.571. *Poster session*.
39. Wardrop RM, Edwards E, **Steiner MJ**, Chelminski PC, Berkowitz L. The need for a high value care curriculum across the Internal Medicine continuum. Association of Program Directors in Internal Medicine Spring Meeting, Nashville, TN, April 2014. *Poster session*.
40. Howell DM, Wellborn R, **Steiner MJ**. Team-based care including co-location improves satisfaction and efficiency. National Academies of Practice Forum; Washington, DC; April 4, 2014. [*Abstract Accepted*]
41. *Vincent J, Seashore C, **Steiner MJ**, and Coyne-Beasley, T. Creating a cocoon of protection: Tdap vaccination for in-home caregivers of newborns at NC Children's Hospital. Pediatric Hospital Medicine Annual Conference, New Orleans, LA, August 2013. *Poster presentation*.
42. *Sim CJ, Iida H, Vann WF, Quinonez R, **Steiner MJ**. Dietary recommendations for infants and toddlers among pediatric dentists in North Carolina. *Pediatric Dentistry*. 2013; 35(2): p 195. Presented at American Academy of Pediatric Dentistry Annual Meeting, Orlando, FL, May 2013. *Platform session*.
43. *Kimple KS, Wysocki K, **Steiner MJ**. Performance of the modified checklist for autism in toddlers in Spanish-speaking patients. Pediatric Academic Societies Annual Meeting, Washington, DC, May 2013. EPAS 2013:3345.3. *Platform session*.

44. *Kimple AJ, Wallace IF, **Steiner MJ**, Harrison M, Greenblatt A, Berkman ND. Treatment for otitis media with effusion: A comparative effectiveness systematic literature review. Pediatric Academic Societies Annual Meeting, Washington, DC, May 2013. EPAS 2013:1509.105. *Poster session*.
45. Dellon EP, Carr RA, **Steiner MJ**. Caregivers of children with special healthcare needs: Perceptions of primary care and specialty practices. Pediatric Academic Societies Annual Meeting, Washington, DC, May 2013. EPAS 2013:3808.183. *Poster session*.
46. **Steiner MJ**, Carr RA, Dellon EP. Consecutive phone calls to nurses in specialty academic divisions: Serving a wide variety of patient needs. Pediatric Academic Societies Annual Meeting, Washington, DC, May 2013. EPAS 2013:1509.120. *Poster session*.
47. Carr RA, Dellon EP, **Steiner MJ**. The elements of the patient-centered medical home: Comparing caregiver perceptions to primary care practice report. Pediatric Academic Societies Annual Meeting, Washington, DC, May 2013. EPAS 2013:3808.180. *Poster session*.
48. *Potisek N, Hall M, Permar S, Rowe S, and **Steiner MJ**. Accuracy of signs and symptoms for assessing dehydration in children: An updated systematic review. Pediatric Academic Societies Annual Meeting, Washington, DC, May 2013. EPAS 2013:7533.25. *Poster session*.
49. **Steiner MJ**, Skinner AC, Perrin EM. Weight status and thyroid function in a nationally representative sample of adolescents. Pediatric Academic Societies Annual Meeting, Washington, DC, May 2013. EPAS 2013:2380.7. *Poster symposium*.
50. Howell DM, Brown WD, **Steiner MJ**. Exploring ways to help residents meet their learning goals in continuity clinic. Pediatric Academic Societies Annual Meeting, Washington, DC, May 2013. EPAS 2013:3803.84. *Poster session*.
51. Perrin EM, Skinner AC, Sanders L, Coyne-Beasley T, Yin H, **Steiner MJ**, Throop B, Rothman R. Luck? Responsibility? Parents views of injury and obesity prevention. Pediatric Academic Societies Annual Meeting, Washington, DC, May 2013. EPAS 2013:1140.5. *Platform presentation*.
52. *Smitherman AB, Alexander T, Connelly M, Weston BW and **Steiner MJ**. The incidence of catheter-associated venous thromboembolism in non-critically ill children. Pediatric Academic Societies Annual Meeting, Washington, DC, May 2013. EPAS 2013: 7505.5 *Poster presentation*.
53. Maizels M, Sutherland R, **Steiner MJ**, Weiner J, Livingston E, Liu D, Herndon A, and Chaviano A. Computer Enhanced Visual Learning (CEVL) Method Responds to the AAP Report on Male Circumcision (Aug. 2012) - Collaborative research to promote standards in procedure performance. Society for Fetal Urology Biannual Meeting, New Orleans, LA, October 2012. *Platform presentation*.
54. *Perez K, Seashore C, and **Steiner MJ**. Linking the newborn nursery and resident clinic: The key to continuity success? Pediatric Academic Societies Annual Meeting, Boston, MA, May 2012. EPAS 2012: 2925.495. *Poster presentation*.
55. Throop B, Perrin A, Odulana A, Skinner AC, **Steiner MJ**, and Perrin EM. Pass the popcorn: Obesogenic behaviors and stigma in children's movies. Pediatrics Academic Societies Annual Meeting, Boston, MA, May 2012. EPAS 2012: 4533.620. *Poster presentation*.
56. Skinner AC, Chung A, **Steiner MJ**, and Perrin EM. Diet and activity factors associated with resilience to obesity in children. Pediatrics Academic Societies Meeting, Boston, MA, May 2012. EPAS 2012: 3170.6. *Platform presentation*.
57. *Ellis CB, Morreale MC, Fernandez JL, Davis DD, Hamel KL, Novinsky SK, Hausen GR, **Steiner MJ**. What they don't tell the doctor: Unmet social and legal needs of families with medically-complex

- children. Pediatrics Academic Societies Annual Meeting, Boston, MA, May 2012. EPAS 2012: 3816:202. *Poster presentation*. Medical-Legal Partnership Summit, 7th Annual Meeting, March 2012, San Antonio, Texas. *Poster presentation*.
58. Howell DM, Chokshi Y, Randolph GD, and **Steiner MJ**. Developing a patient-controlled checklist to improve quality in outpatient visits: Do physicians, staff, and patients agree on content and utility? Pediatrics Academic Societies Annual Meeting, Boston, MA, May 2012. EPAS 2012: 1504.136. *Poster presentation*.
 59. *Smith A, Sutherland R, Korets R, Wiener J, **Steiner MJ**, Liu D, and Maizels M.. A novel method to teach residents to perform surgery: Combining e-learning, computerized enhanced visual learning (CEVL) with simulation to certify mastery of training. American Academy of Pediatrics National Conference and Exhibition, Boston, MA, October 2011. *Platform presentation*.
<https://aap.confex.com/aap/2011/webprogram/Paper14521.html>
 60. **Steiner MJ**, Wysocki KL, Cross MA, Hartz JR. Two to Talk: A pilot study of a primary care language toolkit to improve expressive language for young children. Pediatrics Academic Societies Annual Meeting, Denver, CO, May 2011. EPAS 2011: 4505.151. *Poster presentation*.
 61. *Whitehead LA, Howell DM, Brown WD and **Steiner MJ**. What do residents really want from continuity clinic: A mixed-methods analysis of resident goals. Pediatrics Academic Societies Annual Meeting, Denver, CO, May 2011. EPAS 2011: 4507.178. *Poster presentation*.
 62. Perrin EM, Skinner AC, and **Steiner MJ**. Have you ever been told your child is overweight? National trends in reports of health care provider notification of weight status, 1999-2008. Pediatrics Academic Societies Annual Meeting, Denver, CO, May 2011. EPAS 2011: 2710.6. *Platform presentation*. Also presented at the Obesity Society 2010 Annual Scientific Meeting, Publication #307-P. *Poster presentation*.
 63. Coyne-Beasley T, Boyd J, Lees AC, Perrin EM, **Steiner MJ**. Screening for depression and risk behavior in adolescents: A predictive analysis using GAPS and PHQ9 tools. Pediatrics Academic Societies Annual Meeting, Denver, CO, May 2011. EPAS 2011: 2907.98. *Poster presentation*.
 64. *Boyd J, **Steiner MJ**, Skinner AC, Perrin EM. World peace, to be a millionaire, and hoop dreams: Wishes of adolescents on GAPS screening forms. Pediatrics Academic Societies Annual Meeting, Denver, CO, May 2011. EPAS 2011: 3640.1. *Platform presentation*.
 65. **Steiner MJ**, Vincent J, Herold SV, Toma H. Can a change in the scheduling system help residents see the required minimum number of patients per session. Pediatrics Academic Societies Annual Meeting, Denver, CO, May 2011. EPAS 2011: 2900.9. *Poster presentation*.
 66. **Steiner MJ**, Skinner AC, Boyd JP, Coyne-Beasley T, Wysocki KL, Perrin EM. Adolescent career aspirations as reported on the "GAPS" forms. Pediatrics Academic Societies Annual Meeting, Denver, CO, May 2011. EPAS 2011: 11. *Publication only*.
 67. Miles DR, **Steiner MJ**, Herrick H, Coyne-Beasley T, and Sanderson MR. Children's Health in Rural Communities: Results from the North Carolina BRFSS and CHAMP Surveys. Presented at the 28th Annual Behavioral Risk Factor Surveillance System (BRFSS) Conference, Atlanta, GA, March 2011. *Poster presentation*.
 68. Perrin EM, Skinner AC, **Steiner MJ**. Have you ever been told your child is overweight? National trends in reports of health care provider notification of weight status, 1999-2008. Obesity 2010. 28th Annual Scientific Meeting, San Diego, CA, October 2010. *Poster presentation*.
 69. Miles DR, **Steiner MJ**, Herrick H, Coyne-Beasley T, Mizelle E, Sanderson M, Luken K, Ford CA. Health Care Access and Health Status of Children Raised by a Parent with Disabilities: Results

from the 2007 and 2008 North Carolina BRFSS and CHAMP Surveys. Presented at the 27th Annual Behavioral Risk Factor Surveillance System (BRFSS) Conference, San Diego, CA, March 2010. *Poster presentation.*

70. *Vandegrift AM, Finkle JP, **Steiner MJ**, Perrin EM. Fly on the Wall: Do Pediatricians Meet Parental Expectations for Beverage Counseling during Well-Child Visits? Pediatrics Academic Societies Annual Meeting, Vancouver, Canada, May 2010. EPAS 2010: 2842.175. *Poster presentation.*
71. *Chung A, Skinner AC, **Steiner MJ**, and Perrin EM. Exercise and daily caloric expenditure by age and BMI category. Pediatrics Academic Societies Annual Meeting, Vancouver, Canada, May 2010. EPAS 2010: 3110.4. *Platform presentation.*
72. Skinner AC, **Steiner MJ** and Perrin, EM. "Cholesterol Curves" to identify population norms by age and sex in healthy weight children. Pediatrics Academic Societies Annual Meeting, Vancouver, Canada, May 2010. EPAS 2010: 2765.1. *Platform presentation.*
73. Skinner AC, **Steiner MJ** and Perrin EM. Do Overweight Children Eat More or Less Than Healthy Weight Peers? Surprising Results of Caloric Intake by Age in NHANES. Pediatrics Academic Societies Annual Meeting, Vancouver, Canada, May 2010. EPAS 2010: 4330.07. *Platform presentation.*
74. Skinner AC, **Steiner MJ**, and Perrin EM. Fasting may not be required prior to lipid screening: results from a nationally representative sample. Pediatrics Academic Societies Annual Meeting, Vancouver, Canada, May 2010. EPAS 2010: 2640.8. *Platform presentation.*
75. Skinner AC, Perrin EM, and **Steiner MJ**. Comparison of cholesterol "curves" of overweight and healthy weight children across childhood: Results from NHANES. Pediatrics Academic Societies Annual Meeting, Vancouver, Canada, May 2010. EPAS 2010: 4140.3. *Platform presentation.*
76. Randolph GD, **Steiner MJ**, Sternberg L, Socolar R, Fuller S, Wysocki K, Brown WD, Check J. The impact of the Healthy Steps program in residency training. Pediatrics Academic Societies Annual Meeting, Vancouver, Canada, May 2010. EPAS 2010: 4402.123. *Poster presentation.*
77. *Vanderschaaf E, **Steiner MJ**, Hartsell A, Edwards AM, Whitehead L, Thompson E, and Waldrop J. The impact of a personalized physician note on future patient no-shows. Pediatrics Academic Societies Annual Meeting, Vancouver, Canada, May 2010. EPAS 2010: 2835.55. *Poster presentation.*
78. *Auvergne L, Quinonez R, **Steiner MJ**, Drawbridge N, Cowherd M, Roberts M. Pre-operative assessment prior to general anesthesia for dental surgery in children. Pediatrics Academic Societies Annual Meeting, Vancouver, Canada, May 2010. EPAS 2010: 2835.53. *Poster presentation.*
79. **Steiner MJ**, Quinonez R, Brown WD, Auvergne L, and Roberts M. The benefits of incorporating pre-operative assessments in continuity clinics. Pediatrics Academic Societies Annual Meeting, Vancouver, Canada, May 2010. EPAS 149.
80. *Haywood J, Cockerel A, Perrin EM and **Steiner MJ**. Potential harms of Pharmacological treatment of hyperlipidemia in children: A systematic review. Pediatrics Academic Societies Annual Meeting, Vancouver, Canada, May 2010. EPAS 2010: 2835.52. *Poster presentation.*
81. *Burns H, Auvergne L, Haynes L, Liles EA, Perrin EM, **Steiner MJ**. A qualitative analysis of career transitions made by combined Internal Medicine-Pediatrics physicians." Pediatrics Academic Societies Annual Meeting, Vancouver, Canada, May 2010. EPAS 2010: 1498.571. *Poster presentation.*

82. *Regis T, **Steiner MJ**, Ford CA, and Byerley JS. Resident-physician and patient expectations for resident professionalism. Pediatrics Academic Societies Annual Meeting, Vancouver, Canada, May 2010. EPAS 2010: 1497.558. *Poster presentation.*
83. Stuebe AM, Berreth M, Goldstein A, Munoz C, **Steiner M**, Lugo-Somolinos A, Miller M, Terrell M, Chetwynd E, Carlough M, Tully MR. Improving care for women with breast and nipple pain: A multidisciplinary approach. Academy of Breastfeeding Medicine Annual Meeting, Williamsburg, VA, November 2009. Breastfeeding Medicine 2009: 4(4):242. *Poster presentation.*
84. *Chandler N, Henderson G, Park B, Byerley JS, Brown WD, **Steiner MJ**. 360° evaluation system in the outpatient setting: Is family input really necessary? Association of Pediatrics Program Directors Annual Meeting, Baltimore, MD, April 2009. *Academic Pediatrics*. 2009: 9(4), e8. *Poster presentation.* Also presented at Pediatrics Academic Societies Annual Meeting, Baltimore, MD, May 2009. EPAS 2009:5320.21. *Poster presentation.*
85. *Mills L, Rodman A, Donnell C, Rodman A, Steiner AZ, **Steiner MJ**. The impact of a departmental research day on subsequent publications. Pediatrics Academic Societies Annual Meeting, Baltimore, MD, May 2009. EPAS 2009: 4322.28. *Poster presentation.*
86. Freedman S, **Steiner MJ**, and Chan K. Cost effectiveness of ondansetron use for gastroenteritis. Pediatrics Academic Societies Annual Meeting, Baltimore, MD, May 2009. EPAS 2009: 3210.5. *Platform presentation.* Also presented at Canadian Paediatric Society 86th Annual Conference, Ottawa, ON, Canada, June 2009. *Poster presentation.*
87. Skinner AC, Perrin EM, **Steiner MJ**. The health of obese preschoolers. Pediatrics Academic Societies Annual Meeting, Baltimore, MD, May 2009. EPAS 2816.161. *Poster presentation.*
88. Skinner AC, **Steiner MJ**, Henderson FW, Perrin EM. Subclinical inflammation in overweight and obese children. Pediatrics Academic Societies Annual Meeting, Baltimore, MD, May 2009. EPAS 2009: 4615.9. *Platform presentation chosen for presidential plenary.*
89. Skinner AC, **Steiner MJ**, Henderson FW, Perrin EM. BMI vs. BMI percentile to predict cardiovascular risk factors in children. Pediatrics Academic Societies Annual Meeting, Baltimore, MD, May 2009. EPAS 2009: 2140.5. *Platform presentation.* Also presented at AcademyHealth, Annual Research Meeting, Chicago, IL, June 2009. *Poster presentation.*
90. *Schumacher K, Zussman M, Carothers B, Brown W, **Steiner MJ**. Improving pre-participation sports physicals in a resident continuity clinic: An educational assessment and quality improvement project. Pediatrics Academic Societies Annual Meeting, Baltimore, MD, May 2009. EPAS 2009:4322.40. *Poster presentation.*
91. *DeCamp LR, Chandler N, Cornett A, Hanson C, **Steiner MJ**, Willis T, Belhorn T, Randolph GD. Systematic implementation of resident participation in quality improvement. Pediatrics Academic Societies Annual Meeting, Baltimore, MD, May 2009. EPAS 2009: .4323.63. *Poster presentation.*
92. *Lewis KA, Park B, Pattishall S, Buchanon C, Suarez E, Orringer M, Randolph GD, **Steiner MJ**. Reasons for appointment no-shows in pediatric specialty care and primary care: Experience at a single tertiary care center. Pediatrics Academic Societies Annual Meeting, Baltimore, MD, May 2009. EPAS 2009: 280.
93. **Steiner MJ**, Mills LS, Cornett AC, DeCamp LR, and Randolph GD. The impact of resident-patient continuity on delivery of preventive services for infants with Medicaid. Pediatrics Academic Societies Annual Meeting, Honolulu, HI, May 2008. EPAS 2008: 5808.6. *Poster presentation.*
94. *Jost AE, Randolph GD, Wysocki KL, and **Steiner MJ**. Direct observation of resident performance in continuity clinic: A controlled study of family satisfaction and resident perceptions. Pediatrics

Academic Societies Annual Meeting, Honolulu, HI, May 2008. EPAS 2008: 4860.2. *Platform presentation.*

95. *Doshi N, Perrin EM, Esserman D, and **Steiner MJ**. Cholesterol screening does not motivate obese adolescents to decrease their BMI. Pediatrics Academic Societies Annual Meeting, Honolulu, HI, May 2008. EPAS 2008: 4474.23. *Poster presentation.* Society for Adolescent Health and Medicine Annual Meeting, Greensboro, NC, March 2008. *J Adolesc Health.* 42(2), Supp 1, p. 8-9. *Platform presentation.*
96. *DeCamp L, Byerley JS, Doshi N and **Steiner, MJ**. Antiemetic treatment of gastroenteritis: A systematic review and metaanalysis. Pediatrics Academic Societies Annual Meeting, Toronto, Canada, May 2007. EPAS 2007: 6313.25. *Poster presentation.*
97. **Steiner MJ**, Nager AL, and Wang VJ. Urine specific gravity and other urinary indices: Inaccurate tests for dehydration. Pediatrics Academic Societies Annual Meeting, San Francisco, CA, May 2006. EPAS 2006: 5550.261. *Poster presentation.*

National Practice Based Research Network Studies: CORNET (Continuity Research Network)

98. Bunik M, Talmi A, Stafford B, Beaty B, Kempe A, Dhepyasuwan N, Serwint JR. Pediatric residency integrated survey of mental health in primary care (PRISM-PC): A National CORNET Study. Poster presentation, 2011 Pediatric Academic Societies' Meeting, Denver, CO , April 30. My role: Lead site investigator.
99. Darden PM, Kyle KK, Dhepyasuwan N, Olsson JM, Serwint JR. Is Continuity Measured in Continuity Clinics: A study from the APA Continuity SIG and CORNET. Poster symposium , 2011 Pediatric Academic Societies' Meeting, Denver, CO, May 1. My role: Lead site investigator.
90. Humiston S, Serwint J, Szilagyi P, Vincelli P, Dhepyasuwan N, Rand C, Schaffer S, Curtis R. Strategies for increasing adolescent immunization rates in primary care: What physicians use and would consider. Poster presentation, 2011 Pediatric Academic Societies' Meeting, Denver, CO, April 30. My role: Lead site investigator.
91. Simeonsson K, Olsson J, Dhepyasuwan N, Drutz J, Benun J, Serwint JR for the CORNET Investigators. Healthcare utilization by pediatric residents. Poster presentation, 2011 Pediatric Academic Societies' Meeting, Denver, CO, May 1. My role: Lead site investigator.
92. Simeonsson K, Olsson J, Dhepyasuwan N, Stratbucker W, Meyer M, Serwint JR for the CORNET Investigators. The practice of self-prescription and informal care seeking by pediatric residents. Poster presentation , 2011 Pediatric Academic Societies' Meeting, Denver CO, May 1. My role: Lead site investigator.
93. Okelo S, Siberry GK, Solomon BS, Yamazaki M, Hetzler T, Ferrell C, Dhepyasuwan N, Serwint JR for the CORNET Investigators. Survey of Pediatric Asthma Care Education in Residency: the SPACER Study. Platform presentation, 2009 Pediatric Academic Societies' Meeting, Baltimore, MD, May 3. My role: Lead site investigator.
94. Okelo S, Siberry GK, Solomon BS, Yamazaki M, Barratt MS, DeYBarrondo L, Klein SP, Dhepyasuwan N, Serwint JR for the CORNET Investigators. How do pediatric residents incorporate clinical data to estimate asthma control and safety? Poster presentation, 2010 Pediatric Academic Societies' Meeting, Vancouver, BC, May 2. My role: Lead site investigator.

Digital and Other Novel Forms of Scholarships [with electronic links displayed]

1. Quinonez RB, Padilla R, **Steiner MJ**, Lampiris L, Gilliland K, Kowlowitz V, Dunlop N, McTigue K, Andrews N, Lewchuk E, Damari N, Stepp W. Oral Health for Primary Care Providers. Video media. Smiles for Life National Oral Health Curriculum, filmed in fall 2016, published online 2017.
2. **Steiner MJ**, Hiller S, and Viera A. "ImproveIT". A web-based quality improvement game to simulate quality improvement projects among interdisciplinary health students. Developed with Smashing Boxes, an IT start-up in Durham. 2015.

TEACHING ACTIVITIES

The majority of my teaching has been in clinical settings around general pediatrics topics, with a specific expertise in clinical process improvement and evidence-based medicine.

2013 to 2016 Course Co-director, "Quality Improvement in Healthcare and Public Health", 3 credit course, School of Public Health, Masters in Public Health Leadership Program, PUBH 703

2013-2014 Director, Resident Global Health Curricular Focus

2009-2011 Advocacy Rotation, Pediatrics residency training program

2009-2011 Co-class advisor, Residency Class of 2011

Lectures

To Students:

2013 to 2016 "QI at UNC" Presented to the Advanced Practice Selective 4th Year Medical Students

2009 to 2016 "Professionalism," presented during to 4th year students Transition to Residency elective

2009 to 2016 "Evidence-based medicine for Interns: 10 things to know," presented to 4th year students during Transition to Residency elective.

2014 "Constipation," presented as one of the selected 30 minute didactics used during recruiting season.

2009-2011 "Evidence-based medicine: Asking answerable questions and finding the answers," presented every 6 weeks during 3rd year pediatrics clerkship.

2008-2009 "Fluid and electrolytes in pediatrics," presented every 6 weeks during 3rd year pediatrics clerkship.

2008 "Transition to the Wards," participated in small group sessions with rising 3rd year students to assist with transition to "hands-on" clinical work.

To Residents:

2011 to 2016 "Quality Improvement for Residents", invited lecture to the Anesthesia Department residents during their Systems-Based Practice month.

2009 to 2013 "Physician professionalism" at intern orientation

2006-2012	Delivered 50-100 30 minute conferences each year as part of ambulatory educational curriculum in continuity clinic.
2012-2013	“The Science of Screening”, asked by Chief Residents to deliver noon conference on a day residency applicants were here.
2012	“Resident Teaching” given to resident noon conference.
2011	“Quality Improvement 101” to resident noon conference
2009	“Assessing diagnostic test studies” for EBM conference
2008	“Interpreting randomized clinical trial results,” for EBM conference series
2008	“Interpreting screening tests,” for EBM conference series

To Graduate Students:

2015	Maternal and Child Health Seminar Series in the School of Dentistry. “New vaccine regulations and vaccine hesitancy; New approaches to the impasse.” September, 2015.
2009, 2010, 2013, 2015	“Infectious disease update in Pediatrics”, The School of Dentistry, Department of Pediatric Dentistry, Residency Program.
2008-2009	“The American Academy of Pediatrics and Guideline Recommendations”, The UNC Gillings School of Global Public Health, University of North Carolina Prevention and Screening class in the Healthcare and Prevention.

To Fellows or Postdoctorals:

2012	“Evidence-based medicine at UNC: 10 things to know,” presented to the first year fellows during departmental fellows conference.
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Grand Rounds or Similar Invited Lectures

At UNC:

2020	UNC Department of Pediatrics, Grand Rounds “NC Integrated Care for Kids (NCInCK): An innovative model to promote child and family well-being in central NC.” Also presented same content to UNC Health Alliance Board, UNC Health Alliance Population Health Management group.
2018	Invited to be a speaker at Summit on Student Safety and Well-being: A Call to Action, “ Institutional Border Crossing: Facilitating Communication and Collaboration between Medical Providers and Schools to Support Student Safety and Wellbeing. School of Education, UNC Chapel Hill, December 2018.
2002-2003	UNC Department of Pediatrics, Morbidity and Mortality Conference, N.C. Children’s Hospital, Chapel Hill, NC. 2002-2003. Presented 5 different Grand Rounds of selected cases and coordinated discussion of outcomes and areas for improvement.

Outside UNC:

- 2020 Duke University Department of Pediatrics, Grand Rounds
 “NC Integrated Care for Kids (NCInCK): An innovative model to promote child and family well-being in central NC.”
 Also presented same content to Private Diagnostic Clinic Chairs Executive Team Meeting.
- 2018 Invited speaker at Ninth Annual Community Psychiatrists’ Leadership Network Symposium. Conference was Transitioning to North Carolina’s Medicaid Managed Care: What’s Next?
Steiner, MJ. How university health care organizations are managing the transformation in Medicaid Managed Care.
 University of North Carolina Friday Center, May 5th, 2019
- 2018 Invited to be a speaker at the 2018 International Pediatric Nephrology Fellows Conference, “Children with medical complexity: Between primary and specialty care”, Orlando, FL.
- 2018 Invited to be the Professor at Meet the Professor Breakfast at Academic Pediatrics Association Regional Meeting, “Inter-institution Quality Improvement”
- 2017 Invited to be the Professor at Meet The Professor Breakfast at Regional Academic Pediatrics Meeting, “Career Development in Academic Pediatrics.”
- 2016 Children’s Hospital Los Angeles, “Children with special healthcare needs: Teetering between primary and specialty care”, Los Angeles, CA
- 2014 AHEC Grand Rounds, “Children with Special Healthcare Needs: Balancing primary care and specialty care,” Rex Healthcare, Raleigh, NC.
- 2013 AHEC Grand Rounds, “Teetering between primary and subspecialty care: Children with chronic medical conditions,” New Hanover Regional Medical Center, Wilmington, NC.
- 2013 AHEC Grand Rounds, “Constipation treatment in primary care,” Cape Fear Regional Medical Center, Fayetteville, NC.
- 2007 AHEC Grand Rounds, “Update on Common Pediatric Illnesses: Gastroenteritis, Otitis Media and Bronchiolitis”, Johnston Memorial Hospital, Smithfield, NC.

Workshops

National or Regional

- 2019 **Steiner MJ.** Current state of social determinants of health screening in Pediatrics. Part of State of the Art Plenary Session titled: *Social determinants of health screening: Current state, policy, and ethical considerations and future research directions.* Pediatric Academic Societies Meeting, 2019, Baltimore, MD.
- 2017 Jones Y, **Steiner MJ**, Spector N, Costello L, Ottolin M. How Millennial are you? Using intergenerational differences to improve your hospitalist team. Pediatric Academic Societies Meeting 2017, San Francisco, CA.
- 2017 McNeal-Trice K, Drucker R, Potisek NM, Keeley M, Fleming A, **Steiner MJ**, Caudle S, Koestler J, Byerley JS. Navigating the academic career path for

medical educators: Look before you lead. Pediatric Academic Societies Meeting 2017, San Francisco, CA.

- 2016 Jones Y, **Steiner MJ**, McNeal-Trice K, Ottolini M. How Millennial are you? Using intergenerational differences to improve your hospitalist team. Pediatric Hospital Medicine 2016, Chicago, IL.
- 2016 **Steiner MJ**, Schilling S, Serwint JR, Morreale M, Samuels RC, Garfunkel L, Dabrow S, Kaczorowski J. Aging ACEs in continuity clinic. Addressing social determinants of health and adverse childhood experiences. Pediatric Academic Societies Meeting 2016, Baltimore, MD. (led by Schilling, S as I did not make it to the conference).
- 2015 Berry JG, **Steiner MJ**, Stuckey E, Blaine K. Optimizing the quality of hospital discharge for children with medical complexity. Pediatric Hospital Medicine July 2015, San Antonio, TX.
- 2015 Berry JG, Schor E, **Steiner MJ**, Payne R, Strosaker, R. A venture to optimize the quality of pediatric hospital discharge care in your hospital. Pediatrics Academic Societies National Meeting, April 2015, San Diego, CA.
- 2015 Pediatric Continuity Clinic Steering Committee. Strategies to improve your continuity clinic educational experience. As part of the Continuity Clinic SIG, Pediatrics Academic Societies National Meeting, April 2015, San Diego, CA.
- 2014 Pediatric Continuity Clinic Steering Committee. How to effectively use an EHR in the room in continuity clinic. As part of the Continuity Clinic SIG, Pediatrics Academic Societies National Meeting, May 2014, San Diego, CA
- 2013 McNeal-Trice KA, **Steiner MJ**, Koestler JL, Drucker RP, Byerley JS, Kalady S. Faculty development: Time for new tricks for the old dog. Association of Pediatrics Program Directors/Council on Medical Student Education in Pediatrics 2013 National Meeting, April 10th to 13th, Nashville, TN.
- 2012 Byerley JS, **Steiner MJ**, Gable K, and Joyner BL. Individualizing the curriculum for residents: Great idea! How can we implement? Association of Pediatrics Program Directors 2012 National Meeting, March 30, San Antonio, TX.
- 2011 Ferrell CL, **Steiner MJ**, Olsson JM, Garfunkel LC, Riesen SK, and Kittredge D. So much more than just the numbers! Utilizing effective teaching methods to optimize the continuity clinic experience. Pediatrics Academic Societies Meeting 2011, May 1, Denver CO.
- 2010 Steiner MJ and Solomon B. "Beyond patients per session: Developing innovative strategies to assess resident performance in continuity clinic." Academic Pediatrics Association, Region IV Annual Meeting, Charlottesville, VA, February, 2010.

Continuing Medical Education Lectures

Outside UNC:

- 2020 Given with Dr. Elizabeth Goertz. The PedSpace Podcast. Neonatal circumcision and Neocirc.org. Recorded 10/19/20. Sponsored by Palette Life Sciences. Podcast available on iTunes and Spotify. <https://deflux.com/hcp/deflux-learning-center/pedspace-podcast/>

- 2016 "Population Health and the Business of Healthcare: How upcoming changes will affect pediatrics." Asked to present at Wake Med-AHEC Emergent Topics in Pediatrics CME day. Approximately 50 attendees.
- 2015 "An effective hospital transition program that incorporates screening for social determinants of health." Part of an online lecture series called "The Road to Hospital Discharge Success for Children with Medical Complexity" sponsored by the Packard Foundation and run by Boston Children's Hospital. Invited to present about our hospital transition work in a national online webinar format. 150 attendees nationally.
- 2015 "The Role of Coordinated Team Care in Improving the Health of Children and Adults with Intellectual and Developmental Disabilities." Raleigh, NC, NC.Statewide conference, 50 attendees.
- 2015 NC Child Hunger Leaders Conference: Uniting to Tackle Child Hunger. "Medicine and Hunger". Keenan Stadium. Chapel Hill, NC. Statewide conference, 275 attendees.
- 2012 Child Health Accountable Care Collaborative for North Carolina. "What is the medical home for children with special healthcare needs? Insights for Improvement," Wilmington, NC. Invited to present our research on family perspectives of specialty and primary care to group working on developing a new care model for CSHCN with Medicaid in NC.
- 2010 WakeMed, Pediatrics clinic. "Improving efficiency in a resident pediatrics clinic", Raleigh, NC.
- 2010 Community Care of Central Carolina (Medicaid), "Population asthma management programs at the clinic level", Medical Management Committee Quarterly meeting, Chatham County, NC, 2010.
- At UNC:*
- 2015 "Care coordination and case management of children with complex medical needs: New Approaches and Issues". Innovations in Care Coordination, Center for Lifelong Learning, UNC School of Nursing. Chapel Hill, NC. 90 attendees.
- 2011 William and Ida Friday Center, Nursing CEU conference, "Primary Care Pediatrics Update." Chapel Hill, NC. 50 attendees.
- 2011 Chatham Crossing Faculty Physicians. "New ideas for precepting: Teaching when time is tight." Chatham Crossing Medical Office, Chapel Hill, NC. 10 attendees.

Press/Media

2003 - present Multiple media appearances and quoted responses as an expert on health issues in general pediatrics and to discuss research findings including *CNN website, WRAL-TV, Spectrum News, CBS17, Parents Magazine, Parenting*. Participated in both live television, pre-taped interviews, and written articles.

Lab or Research Teaching/Mentorships

Current Formal Departmental Mentorship Committees Membership

Neal DeJong (lead)

Amy Liu (lead)
 Molly Berkoff
 Ashley Sutton
 LaClaire Stewart
 Rose Markus
 Zach Willis
 Aleise Sarkisian

Current Scholarship Oversight Committees, Pediatrics Fellows

Shannon Solt, PICU

Other Mentorship Relationships

Name and Year (s)	Current position or other notes
<i>Faculty</i>	
Dick Wardrop, 2015-2018	Was lead on his mentorship committee during his time on faculty at UNC as the Med-Peds Program Director.
Kelly Kimple, 2013-2016	Mentored through preventive medicine residency, published scholarly work, into junior faculty position in the department, and she is now Acting Director, Division of Public Health.
Diane Howell, 2009-2015	First as resident on shared projects and career guidance. Then as a faculty member in General Pediatrics and Adolescent Medicine. Asked to serve on her formal mentoring committee.
Celia Loughlin, 2012-2013	Pediatric pulmonology. Asked to serve on her formal mentoring committee.
Douglas Holtzman, 2012-13	Pediatric Emergency Medicine. Asked to serve on his formal mentoring committee.
<i>Resident physicians</i>	
Krystle Perez, 2011-2012	Neonatal Critical Care Fellow. Mentored project and national presentation.
Yemisi Jones MD, 2010-11	Hospitalist at Children's Hospital of Pittsburgh , Pennsylvania
Harriet Burns, 2009-10	Primary care physician, Mebane, NC. Mentored on study and publication.
Amy Jost Starmer MD MPH, 2006-2010	Faculty at Boston Children's Hospital. Mentored project and her first national publication.
Lisa DeCamp MD MSPH, 2007-2010	Faculty Member, Johns Hopkins University
Nicole Chandler MD, 2007-2010	Faculty at Moses Cone Healthcare System
Jennifer Hartz MD, 2008-10	Community health center practice, Greensboro NC
Anne Marie Edwards MD, 2008-09	Private practice, South Carolina
Angela Hartsell MD, 2008-09	Faculty at UNC at Moses Cone Hospitals, Greensboro, NC
Sarah Locklear MD, 2008-09	Private practice in Sandhills, NC
Kristi Lewis MD, 2007-09	Cardiology fellow, Stanford University
Jessica Stewart MD, 2007-08	UNC faculty, Chatham Crossing Primary Care
<i>Dental Residents</i>	
Chien Sim DDS, 2010 to 2013	Academic dentist in Taiwan. Thesis committee and publication.
<i>Dental Hygienist Masters Program</i>	
Melani Decker, BS, RDH	Thesis committee
<i>Medical Students</i>	
Blaire Hanvey, 2014-	Faculty Mentor for 2 successful \$1500 intramural grants to support "Beyond Clinic Walls" community outreach initiative

Joshua Boyd, 2010 to 2012	Emergency Medicine resident. 2 presentations at national pediatric academic society meeting and mentored publication.
Taylor Regis, 2009-2011	Psychiatrist. Presentation at national meeting and first author peer-reviewed publication on mentored project.
Nipa Doshi, 2007-2010	2 peer-reviewed publications on mentored project.
<i>Public Health Students</i>	
Shona Hang, MSPH 2013-	Masters Thesis Committee, mentored her on project looking at late arrivals in clinic. Program Director, UNC.
Emily Vander Schaaf MD MPH, 2009-10	Masters Thesis Committee, Preventive medicine resident, UNC
Jonathan Haywood MD MPH, 2008-2010	Masters Thesis Committee, Critical Care Fellow and now faculty at Wake Forest School of Medicine
<i>Undergraduate Students</i>	
Laurianne Auvergne BS, 2007 to 2010	Anesthesia resident, Michigan, national presentations and a publication on mentored project.
Brittany Park, BS 2007 to 2008	Physician Assistant, Emory Healthcare, Atlanta. National presentation on mentored work.

Clinical Teaching*Outpatient Teaching*

2012 to 2014, 2017	Spent 20% time teaching pediatrics residents in continuity clinic
2005 to 2012	Spent 50% or more of clinical time teaching pediatrics residents in continuity clinic

Inpatient Teaching

2012-current	6-8 weeks as inpatient attending on general pediatrics team
2010-2012	4 weeks as inpatient attending on general pediatrics team
2009-2010	3 weeks as inpatient attending on general pediatric hospital team, 1 week on newborn nursery service
2008-2009	4 weeks as inpatient attending on the pediatric inpatient team
2007	2 weeks as inpatient attending on the pediatric inpatient team, 3 weeks as hospitalist
2005-2006	Spent 10 weeks of clinical time teaching pediatric residents on inpatient service of complex general pediatric patients and general consultation
2002-2003	4 weeks as inpatient general attending

Other Supervision:

2005-current	Have taught various procedures to residents and faculty including circumcision, Nexplanon insertion, and other office-based procedures.
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GRANTS

Active:

- 2021-2031 CarolinaLink
 Michael Steiner (PI). *Improving access to children’s specialty care in rural and low resource communities.*
 Foundation grant to develop and implement virtual care hubs to ten rural areas of the state.
 \$500,000
 No salary support
- 2020-2024 Innovation Health Center
 Michael Steiner (PI). *Improving care of children with medical complexity: Shared care for broad spectrum complexity and a focused disease between an AMC and an independent practice network.*
 Coordinated approach to care for children with medical complexity and children with diabetes between AMCs and primary care clinics during Medicaid transformation.
 \$1.2 million budget
 No salary support.
- 2020-2027 Centers for Medicare and Medicaid Services, Innovations Center
 Integrated Care for Kids Cooperative Agreement
UNC and Duke co-lead agencies partnered with NC Medicaid to implement a pilot test of integration and an alternative payment model across 8 areas of core child health services including medical care and community supports.
 \$16 million total budget. \$2.7 million at UNC.
 Role: Lead Principal Investigator at UNC and co-lead on overall submission
 20% Salary support year 1.
 1% Salary support years 2 through 7.

Completed

- 2018-2019 National Heart, Lung, and Blood Institute (NIH)
 Fernando Martinez and Wayne Morgan (PIs). *Randomized, placebo-controlled, multicenter study to assess the efficacy, safety, and tolerability of Oral Bacterial Extract for the prevention of wheezing lower respiratory tract illness (ORBEX).*
 \$361,826 total budget for our site.
 Role: Site co-PI, 5% salary support year 1, 0% salary support and co-investigator Years 2-5
- 2017 John Rex Endowment
 Steiner (PI). *The Next Generation of Primary Care: Enhanced Care to Prevent Child Abuse and Neglect and Promote Health.* \$70,000
 Planning grant to build collaborative within Wake County to implement social determinants of health screening in all UNC pediatrics primary care practices.
 Role: co-PI; 1% salary support
- 2016-2018 The Duke Endowment
 Jeff Kaczorowski (PI) and American Academy of Pediatrics
The Carolinas collaborative:Community-pediatrics partnerships for promotion of child health and prevention of toxic stress.
 Total grant 1.3 million dollars. UNC portion of grant approximately \$100,000 over 3 years.
 Grant will pair community organizations with each pediatrics residency program in North and South Carolina to improve community health training for pediatrics

- residents and mitigate effects of toxic stress for children in surrounding communities.
Role: Site PI, and subcontract. Salary support to junior faculty member.
- 11/2013-6/2017 The Duke Endowment
Michael J. Steiner (PI). *Pediatric Hospital Transition Clinic*, \$501,391. Preventing pediatrics readmissions using a transitional hospital-based clinic.
Role: PI; 5% salary support provided within grant and salary support for clinical work.
- 2016-2017 Area Health Education Centers
Anthony Viera (PI). *Improvelt: A web-based application to teach quality Improvement principles*. \$50,000
Role: Co-investigator, no salary support
- 7/2015-7/2016 Area Health Education Centers
Michael Steiner (PI). *Extension of the Medical Home to Include the Social Determinants of Health*, \$42,742. Awarded to create and implement an interdisciplinary health education approach using a medical-legal partnership structure.
Role: PI; salary support given to other faculty member.
- 5/2012-6/2015 HRSA, Bureau of Health Professions, #1-T85-HP24470-01
Anthony Viera (PI), *Enhancing Population Health in Medical Education: the Increasing EMPHasis Project*. \$253,061.
Role: Investigator, Co-director of Quality Improvement course, 8% to 15% salary support that varied throughout the grant.
- 10/2013-9/2015 1R24LM011708-01, National Institutes of Health
Eliana Perrin (PI). *Pass the Popcorn: Children's Perceptions of 'Obesogenic' Culture in Movies*, \$292,156.
Role: Co-investigator; 5% salary support in first year, then no support
- 9/2014-7/2015 American Academy of Pediatrics, Friends of Children Fund, and Young Innovations.
Michael Steiner (site PI), *Brush, Book, Bed. A pilot program*. Funding provided 500 copies of books, toothbrushes, toothpaste, posters and training curricula to implement a clinical program to combined Reach Out and Read, preventive oral healthcare, and sleep habit training for parents.
Role: Site-PI, no salary support
- 4/2012-4/2015 UNC Dance Marathon Grant
Karen Wysocki (Project Director). *Healthy Steps*, \$210,000. Awarded funding to continue the Healthy Steps for young children program in the Child and Adolescent General Clinic of the North Carolina Children's Hospital.
Role: Co-PI; no salary support.
- 2012 - 2013 NIH-CTSA, 550KR31211
Terry Noah (PI), *Body mass index and influenza vaccine response in children*. Pilot study to examine impact of BMI on influenza vaccine response.
Role: Co-investigator, no salary support
- 2012 - 2012 American Institutes for Research (AIR)
Michael Steiner (Director on Subcontract). *Content Validity of the FLACC to Measure the Pain of Very Young Children with Acute Otitis Media*. \$4,000.
Role: Director, no salary support

- 2012 Healthy Smiles American Academy of Pediatric Dentistry Foundation
Chien Sim (PI), *Dietary Recommendations for Infants and Toddlers among Pediatric Dentists in North Carolina*. \$7500. Survey of pediatric dentists in North Carolina about dietary counseling.
Role: Co-investigator, no salary support.
- 2011 - 2012 OPC (Orange, Person, Chatham) Area Program
Michael Steiner (Project Director). *Embedded mental health provider*, \$16,000.
Fund embedded mental health worker in a primary care practice.
Role: Director, no salary support
- 2011 - 2012 HHS290200710056I, Agency for Healthcare Quality and Research
contract to Research Triangle Institute/Shepps Evidence-based Practice Center,
Meera Viswanathan (RTI, Director) and Tim Carey (UNC, Co-Director),
Comparative effectiveness of treatments for otitis media with effusion. \$151,182.
Role: Scientific Director, 20% salary support
- 2011 - 2012 North Carolina Medicaid, AccessCare
Michael Steiner (PI), *Can a tertiary care medical home improve quality and decrease costs?* \$290,000. Research grant to better understand how families decide to access tertiary vs. primary care for questions regarding acute illnesses for children with underlying medical problems. Programmatic grant to create a tertiary care medical home for children with special healthcare needs through the current diagnostic service in the General Pediatrics and Adolescent Medicine Division.
Role: PI, research component and medical director of programmatic component, 15% salary support
- 2010 - 2012 UNC Dance Marathon Grant
Karen Wysocki (Project Director). *Healthy Steps*, \$140,000. Awarded funding to continue the Healthy Steps for young children program in the Child and Adolescent General Clinic of the North Carolina Children's Hospital.
Role: Co-PI; no salary support.
- 2010 - 2012 UNC Dance Marathon Grant
Darragh Davis (Project Director). Child and Family Advocate and Care Coordinator, \$28,000. Awarded funding to start a program of care coordination and improvement for patients with complex, chronic illnesses in the Child and Adolescent General Clinic of the North Carolina Children's Hospital.
Role: Project collaborator; no salary support.
- 2010 - 2011 Children's Promise Grant Program, N.C. Children's Hospital
Michael Steiner (PI) *Obesity-related Behaviors in Children's Movies*, \$4500. This study will further explore the relationship between screen-time and obesity by examining the obesogenic messages in popular children's movies.
Role: Primary Investigator; no salary support
- 2010 - 2011 10KR71021, NC TraCS Institute Grant
Alison Stuebe (PI). *Management of Maternal Symptoms (MOMS) Study*, \$10,000. This study studies outcomes of an inter-departmental algorithm for management of pain associated with breastfeeding-associated pain.
Role: Co-investigator; no salary support.
- 2008 - 2010 UNC Dance Marathon Grant

Karen Wysocki (Project Director). *Healthy Steps*, \$132,000. Awarded funding to continue the Healthy Steps for young children program in the Child and Adolescent General Clinic of the North Carolina Children’s Hospital. Role: Co-PI; no salary support.

PROFESSIONAL SERVICE

To Discipline

State, national, international offices or committees

2021 to current	Novant Health Coastal Region, LLC Board of Managers
2020 to current	Elected to national Secretary/Treasurer position in the Academic Pediatrics Association. Will be a 6-year term.
2020 to current	Pediatrics Academic Societies Program Committee
2019 to current	Board of Directors, My Health by My Providers insurance company. Formed by 12 health systems in North Carolina to compete as an insurance product for Medicaid in the state.
2017 to 2019	Co-Chair, Physician Leadership Committee, North Carolina Health Plan Partnership The UNC Healthcare System physician selected to participate in the development and execution of a new statewide Medicaid provider.
2015 to 2017	Cochrane Collaboration’s Child Health Field Advisory Board
2014 to current	Advisory Board, Orange County Child Poverty Council/Family Success Alliance. This multidisciplinary county-supported program has implemented a county-wide ‘cradle to career’ pipeline program to improve lives of children living in poverty. Appointed to position by Dean/CEO of UNC Healthcare. Selected to be first Chairperson of group, 2014-2016
2010 to current	Site investigator, North Carolina Child Health Research Network, CTSA (TraCS),
2012 to 2020	Research Chair of Region, Continuity Clinic Research Network (CORNET), Region IV
2016 to 2018	American Board of Pediatrics MOC Assessment Content Development Team Helped develop content including writing questions for new pilot General Pediatrics Certifying examination (MOC Stage 2) to start January 2017
2014 to 2017	Advisory Board, Access Care of Central Carolina One of 5 physicians in a funded role on an advisory board to the Medical Director for our regional Medicaid network. Community Care of North Carolina is a nationally-recognized, system for Medicaid managed care.

- 2008 to 2016 Access Care of Central Carolina, Member of quarterly meeting team. 2008 to current.
- 2011-2014 Co-Chair, Academic Pediatrics Association, Region IV (VA, DC, MD, NC)
- 2011-2013 Steering Committee, I³/Population Management Collaborative, 2011 to 2013. Collaborative among Family Medicine, Internal Medicine, and Pediatrics training programs in NC, SC, VA to improve population management in residency training program practices.
- 2011-2013 CHIPRA (Children’s Health Insurance Reauthorization Act) Oral Health Quality, Demonstration grant administered through state Division of Medical Assistance to improve the delivery of dental care in primary care offices.
- 2012 Member, Steering and Planning Committee, North Carolina Institute of Medicine NC IOM Task Force for Implementation of Evidence-based Public Health Practices.
- 2008-2010 Lead site member, I³/Patient Centered Medical Home Collaborative 23 site, 4 state collaborative to achieve NCQA-certification for PCMH

Consultancies and Visiting Professorships

- 2016 Visiting Professor, Children’s Hospital Los Angeles, Los Angeles, CA
- 2011 Continuity Clinic Consultation, University of Virginia Division of General Pediatrics

Editorial:

- 2017 Co-edited an issue of a *Reviews on Recent Clinical Trials*. Issue was titled *Advances in Care of the Hospitalized Child*. See bibliography.
- 2007 to 2015 Editor, *Peds News*
Create monthly summary of 3 articles from pediatrics literature. Product is sold to publishing company.
- 2013-2015 Editorial Board, *Evidence-Based Child Health*,
<http://onlinelibrary.wiley.com/journal/10.1002/%28ISSN%291557-6272>
- 2014 Editor and contributor, Baby Oral Health Program website, parent information, and portal.
<http://www.babyoralhealthprogram.org/index.php/about/page/11/Why+bOHP>

Administrative responsibilities for regional, national meetings, or international meetings:

- 2016-2018 Invited by Cochrane Child Health co-Directors to be part of 5 person planning committee for this international meeting of the Cochrane collaboration.

2011-2014 Meeting co-director, Academic Pediatrics Association Region IV (VA, NC, DC, MD)

Editorial responsibilities - Manuscript peer review:

New England Journal of Medicine (2020)
Cochrane systematic reviews (2017)
Journal of Pediatric Endocrinology and Metabolism (2016)
Childhood Obesity (2014)
Pediatric Pulmonology (2012, 2014)
Evidence-Based Child Health (2013)
PLoS One (2013, 2014)
Pediatrics (2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2019)
JAMA Pediatrics (2006 to 2012, 2014)
 PAS abstract review, (2007-2009, 2011, 2012)
Public Health Nutrition (2011)
Journal of Pediatrics (2010, 2011)
Journal of Pediatric Gastroenterology and Nutrition (2010, 2011)
Canadian Medical Association Journal (2010)
Clinical Lipidology (2010)

Grant Review:

2008 Physicians Services Incorporated Foundation
 2007 Thrasher Research Fund

Within UNC-Chapel Hill

University of North Carolina:

2020 to present National Research Service Award Fellowship Advisory Board
 2019 Search committee, Chair of Obstetrics and Gynecology
 2015 to 2018 Faculty member, University Center for Excellence in Developmental Disabilities and the Leadership Education in Neurodevelopmental Disabilities Carolina Institute for Developmental Disabilities
 2016 to 2018 Strategic Advisory Board for Patient-Centered Outcomes Research Project on Youth Caregivers
 2015 to 2018 School of Medicine, Associate Professor Promotions and Tenure Committee
 2015 to 2017 Academy of Educators, Resident as Teachers Mentor
 2016 Search Committee Member, Chair of Family Medicine
 2011–2012 School of Medicine Strategic Planning Curriculum Subgroup
 2009–2011 Health Science Library Advisory Council

Department of Pediatrics:

2018 to current	Vice-Chair of Clinical Affairs
2016 to 2018	Vice-Chair of Pediatrics, Outreach & Business Development
2013 to 2015	Member, Faculty Philanthropy Committee
2015 to 2016	Clinical Advisory Council Group of 5 people asked by Pediatrician-in-Chief of Children's Hospital and Vice-Activity in Dept to advise on clinical questions.
2013 to 2016	Pediatrics Clinical Competency Committee
2009 to 2015	Pediatrics Residency Selection Committee and Core Interviewer
2009 to 2016	Med-Peds Residency Selection Committee
2007 to 2016	Education Planning Committee, Annual Review
2015	Children's Promise Grant Review Committee
2010-2014	Denny Society Executive Committee, Residency alumni society
2012–2013	Member, Compensation Plan Committee
2012	Member, Common Expectations Faculty Committee
2012	Member, Steering Committee for Strategic Planning Process
2011-2013	Director, Resident Quality Improvement Program
2011	Chairperson, search committee for junior faculty member in division
2011	Search committee for junior faculty member in pulmonology division
2009–2011	Departmental Advisory Group. 8-10 member group convened to assist with transition to new Chairperson
2008-2011	Division Leadership Council, one of four asked to serve in division
2007-2009	UNC Healthy Steps Advisory Committee
2008	Search Committee for Research Assistant Professor in General Pediatrics
2007	Search Committee for maltreatment specialist junior faculty position
2007	Defining a Healthy Workplace Taskforces. Diversity in the Department and Leave Policy Subcommittees.

North Carolina Children's Hospital and Healthcare System:

2020 to present	Virtual Care 'Tiger Team', UNC Health
2020 to present	Physicians Practice Management Committee, UNC Health
2019 to present	Associate Chief Medical Officer, UNC Medical Center, UNC Health

2019 to present	Executive Committee, UNC Health Alliance (Clinically Integrated Network)
2019 to present	Clinical Contact Center Advisory Committee
2018 to present	Pediatrician in Chief, UNC Children's
2018 to present	Member, UNC Faculty Physicians Benefits Committee
2018 to present	Primary Care Leadership Council One of 6 members on group that set system strategy for primary care development.
2017 to present	UNC Faculty Physicians Board of Directors, Elected at large member (2 nd term)
2016 to current	North Carolina Children's Hospital Executive Committee Part of the 8 person leadership team who makes decisions for Children's Hospital and reports to COO.
2016 to current	Population and Value Care Steering Committee, UNC HCS
2015 to current	Member, Board of Managers, UNC Health Alliance Chairperson, Professional Standards Committee In the inaugural Board for the UNC Healthcare System clinically integrated network. This is a statewide network projected to have over 3000 physicians and 5 million patients which will make it the largest CIN in NC.
2015 to current	Carolina Value Care Access Policy, Procedure, Staffing Implementation
2015	Steering Committee, Clinically Integrated Network. Group helping to create a CIN across healthcare system, with eventual formation of ACO.
2015	Chair, Refusal of Immunization Policy Work Group. Develop immunization policy for employees, faculty, and patients across the HCS. Group charged by Dean/CEO.
2014 to 2015	Medical Director, Pediatric Beyond Clinic Walls Program. A community outreach initiative of the UNC Student Health Action Coalition
2014 to current	North Carolina Children's Hospital Board of Visitors Meetings
2013 to 2015	Transitions Oversight Committee
2013 to current	Children Hospital Operations Council
2013 to 2016	Medical Directors Meetings, UNC Healthcare
2013 to current	UNC Hospitals, Clinical Utilization Management Committee. Only pediatrics member of the committee
2013 to 2015	Children's Hospital Outpatient Operations Group One of 5 member improvement group. Other members included Director of Children's Services, Pediatrician in Chief, Administrative Director of Children's Clinics, and Vice-President of Children's Services.
2013-2014	Population Health Education Committee

2012-2014	At-Large Member, UNC Physicians and Associates Board
2006-2013	Director, Child and Adolescent General Clinic & Continuity Clinic
2012	Member, Network Development/Off-campus Strategy, North Carolina Children's Hospital Strategic Planning Committee
2012-2014	Faculty representative, North Carolina Children's Hospital Family Advisory Board
2009-2013	Chair, Care and Quality Team, Child and Adolescent General Clinic. Improved access and efficiency and achieved PCMH certification
2012	Member, Primary Care Strategic Planning for the Healthcare System
2009-2011	Children's Hospital Leadership Council
2008-2010	Ambulatory Operations Group
2007-2011	Core Faculty, Center for Clinical Excellence, N.C. Children's Hospital
2009	Pediatric Task Force, Clinic Operations Subcommittee, Evaluation of operations, subcommittees had 6-8 hospital or departmental leaders
2009	Ambulatory Care Excellence Training and Development, Goal was to improve training of medical directors
2009	Introduction to Clinical Medicine, Pediatrics
2006-2009	Patient Access and Efficiency Initiative, Faculty member
2008	Strategic Planning for Child Health Core, worked with consultants and internal group
2007-2008	Faculty, PAcE Quality Improvement Program, UNC Healthcare